

Message Text

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41

ACTION EUR-12

INFO OCT-01 ISO-00 OC-05 CCO-00 CIAE-00 PM-04 INR-07 L-03

ACDA-10 NSAE-00 PA-02 SS-15 PRS-01 SP-02 USIA-15

TRSE-00 SAJ-01 /078 W

----- 072043

R 011215Z MAR 76

FM USMISSION NATO

TO SECDEF WASHDC

INFO SECSTATE WASHDC 6227

UNCLAS USNATO 1118

DEF FOR MR. PAYNE, PERSONNEL DIV, ODAS(A)/OASD(C); STATE FOR
EUR/RPM

E.O. 11652: NA

TAGS: APER AORG NATO

SUBJ: NICSMA VACANCY: A.4 CIVILIAN ENGINEER, SATELLITE SYSTEMS -
SYSTEM ENGR BR, SYSTEM PLANS AND ENGR DIV

1. NATO HAS ADVERTISED SUBJECT POSITION TO REPLACE DOD INCUMBENT
DUDLEY CLINE WHO IS RETIRING. CLOSING DATE FOR NIMINATIONS IS
3 MAY 1976.

2. WE RECOMMEND THAT A WELL-QUALIFIED U.S. CANDIDATE BE NOMINATED
FOR THIS POSITION TO PROVIDE U.S. EXPERTISE IN OUR EFFORTS TO ACH-
IEVE INTEROPERABILITY WITH THE NATO SATCOM SYSTEM. U.S. JOB TITLE
IS ELECTRONICS ENGINEER, GRADE: GS-855-14. JOB DESCRIPTION NO-
1111 PREPARED BY CPO NSSG(US) IS QUOTED BELOW:

QUOTE:

1. IS PRINCIPAL SYSTEMS ENGINEER FOR THE DESIGN AND DEVELOPMENT
OF SATELLITE COMMUNICATIONS FOR THE NICS. DEFINES EQUIPMENT AND
SUB-SYSTEMS CONFIGURATIONS, CHARACTERISTICS, PERFORMANCE,
RELIABILITY, MAINTAINABILITY AND OTHER ENGINEERING VALUES AND
STANDARDS TO ACHIEVE AND MEET INTEGRATED SYSTEMS PERFORMANCE
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CRITERIA AND REQUIREMENTS. UTILIZES AN EXTENSIVE KNOWLEDGE OF
SATELLITE SYSTEMS COMMUNICATIONS ENGINEERING AND RADIO RELAY AND
SWITCHING EQUIPMENT DESIGN TO DEVELOP EQUIPMENT CONFIGURATIONS
AND CRITERIA WHICH REFLECT THE MOST ADVANCED "STATE OF THE ART"

CONCEPTS. PROVIDES TECHNICAL ADVICE TO MEMBERS OF THE NICSMA STAFF ON SATELLITE SYSTEMS EQUIPMENT ENGINEERING MATTERS. DETERMINES, IN CONJUNCTION WITH THE SYSTEMS PLANS AND REQUIREMENTS BRANCH AND WITH NATIONAL ORGANIZATIONS CONCERNED, THE INTERFACE DATA PARAMETERS BETWEEN NICS SATELLITE COMMUNICATIONS AND NATIONAL PTT OR MILITARY COMMUNICATIONS FACILITIES. EVALUATES AND APPROVES TECHNICAL DESIGN AND DESIGN CHANGES IN SATELLITE SYSTEMS EQUIPMENTS. COORDINATES THE WORK OF, AND PROVIDES TECHNICAL GUIDANCE TO, ONE OTHER ENGINEER WHO ASSISTS IN DEVELOPING ENGINEERING DESIGNS AND SPECIFICATIONS.

2. PREPARES THE ENGINEERING AND TECHNICAL DOCUMENTATION AND SPECIFICATIONS REQUIRED TO IMPLEMENT AND MAINTAIN SPACE AND SURFACE SEGMENTS OF SATELLITE COMMUNICATION SUB-SYSTEMS/PROJECTS. DEVELOPS THE CRITERIA FOR TEST AND ACCEPTANCE OF COMMUNICATIONS SATELLITE SYSTEM EQUIPMENTS. MAINTAINS LIAISON WITH ENGINEERING FIRMS PRODUCING EQUIPMENT TO INSURE UNDERSTANDING OF CRITERIA AND TO DISCUSS DESIGN CHANGE PROPOSALS. REVIEWS MANUFACTURERS RECOMMENDATIONS, TECHNICAL STUDIES AND DESIGNS FOR ACCEPTABILITY AND RECOMMENDS ACCEPTANCE OR REJECTION BY NICSMA.

3. AS A TELECOMMUNICATIONS SYSTEMS ENGINEER UTILIZES A BROAD KNOWLEDGE OF BOTH ANALOG AND DIGITAL TECHNIQUES IN TRANSMISSION, SWITCHING, SYSTEM CONTROL AND TERMINAL EQUIPMENT, AS WELL AS A KNOWLEDGE OF CRYPTO EQUIPMENT, IN THE DEVELOPMENT OF SYSTEMS PLANS TO ASSURE THAT THE SATELLITE SUB-SYSTEM FUNCTION HARMONIOUSLY WITH THE OTHER SUB-SYSTEMS OF THE NICS AND MEETS DESIGN OBJECTIVES. DEVELOPS CONCEPTS FOR SYSTEMS. COORDINATES WITH THE SHAPE TECHNICAL CENTER IN RUNNING SIMULATION TESTS ON SYSTEM DESIGNS, PARTICULARLY THE SATELLITE COMMUNICATIONS SYSTEMS.

4. PARTICIPATES IN TECHNICAL CONFERENCES AS A REPRESENTATIVE OF THE BRANCH OR DIVISION. FURNISHES ADVICE ON COMMUNICATIONS SYSTEMS, SUB-SYSTEMS AND EQUIPMENT AND CONFIGURATIONS AT MEETINGS HELD WITH REPRESENTATIVES OF NATO NATIONS. SERVES AS TECHNICAL ADVISOR TO CONTRACTING OFFICE AND PROJECT TEAMS FOR THE EVALUATION OF CONTRACTOR BID PROPOSALS ON SATELLITE COMMUNICATIONS.

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TIONS AND PROJECTS. SERVES AS CONSULTANT TO TELECOMMUNICATIONS OFFICIALS OF NATO COUNTRIES WHICH ARE DESIGNATED AS MOST NATIONS FOR INSTALLATIONS OF A SATELLITE COMMUNICATIONS PROJECT OR WHERE INTERFACE WITH A NATIONAL SYSTEMS IS REQUIRED. IN CONFERENCES AND MEETINGS WITH INTERNATIONAL REPRESENTATIVES AND STAFF MEMBERS, TAKES POSITIVE STEPS TO RECONCILE DIVERSE OPINIONS AND POSITIONS OF NATIONAL REPRESENTATIVES TO ACHIEVE THE STANDARDIZATIONS OF THE NICS.

PERFORMS OTHER DUTIES AS ASSIGNED.

AN EXTENSIVE KNOWLEDGE OF AND EXPERIENCE WITH SATELLITE COMMUNICATIONS SYSTEMS AND RELATED TERMINALS ARE REQUIRED. KNOWLEDGE

AND EXPERIENCE IN MILITARY AND CIVIL TRANSMISSION SYSTEMS,
ANALOG AND DIGITAL SWITCHING, CRYPTO EQUIPMENT. AND TERMINAL
EQUIPMENT IS REQUIRED. EXPERIENCE AND KNOWLEDGE IN AUTOMATED
SURVEILLANCE AND CONTROL SYSTEMS IS HIGHLY DESIRABLE. UNQUOTE.

3. PLEASE ADVISE STREATOR

UNCLASSIFIED

<< END OF DOCUMENT >>

Message Attributes

Automatic Decaptioning: X
Capture Date: 30 AUG 1999
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: n/a
Control Number: n/a
Copy: SINGLE
Draft Date: 01 MAR 1976
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Authority: n/a
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 JAN 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1976NATO001118
Document Source: ADS
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: 11652 NA
Errors: n/a
Film Number: n/a
From: NATO
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1976/newtext/t197603114/baaaawdo.tel
Line Count: 117
Locator: TEXT ON-LINE
Office: n/a
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators:
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: n/a
Review Action: RELEASED, APPROVED
Review Authority: morefirh
Review Comment: n/a
Review Content Flags:
Review Date: 24 MAY 2004
Review Event:
Review Exemptions: n/a
Review History: RELEASED <24 MAY 2004 by fisherem>; APPROVED <26 MAY 2004 by morefirh>
Review Markings:

Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
04 MAY 2006

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: n/a
TAGS: APER AORG NATO
To: SECDEF INFO STATE
Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 04 MAY 2006